

Multiplication

Name Chloe F
 Date 10/8/10

Progression Points

2.25 Use of an array to model and answer facts to the 2, 5 and 10 times tables.


2.5 Automatic recall of 2, 5 and 10 times tables.

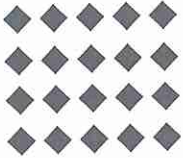
2.75 Representation of multiplication facts as a rectangular array and as the area of a rectangle.

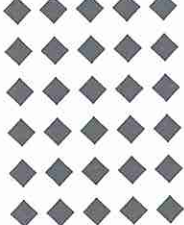
3.0 Multiplication by single digits using recall of multiplication tables and multiples and powers of 10.

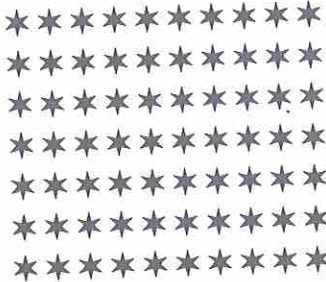
3.0+ Solve multiplication problems involving multiplication of 2-digit numbers by single digits.

Use the arrays to answer the multiplication questions.

a  $7 \times 2 = 14$ ✓

b  $4 \times 5 = 20$ ✓

c  $6 \times 5 = 30$ ✓

d  $7 \times 10 = 70$ ✓

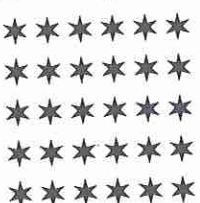
Answer the facts.


a $5 \times 2 = 10$ ✓ b $8 \times 2 = 16$ ✓ c $6 \times 2 = 12$ ✓

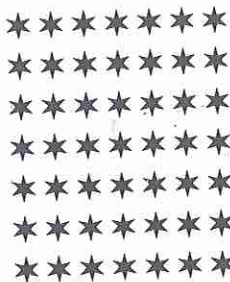
d $3 \times 5 = 15$ ✓ e $7 \times 5 = 35$ ✓ f $8 \times 5 = 40$ ✓


g $4 \times 10 = 40$ ✓ h $6 \times 10 = 60$ ✓ i $9 \times 10 = 90$ ✓

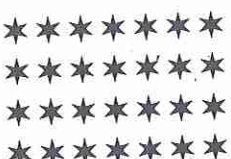
Use the arrays to answer the multiplications.

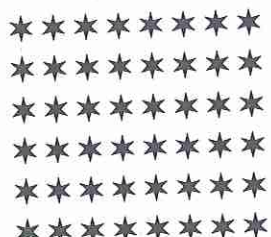
a  $5 \times 6 = 25$ ✓

b  $6 \times 4 = 20$ ✓

c  $7 \times 7 = 50$ ✓

d  $9 \times 7 = 63$ ✓

e  $4 \times 7 = 22$ ✓

f  $6 \times 8 = 44$ ✓

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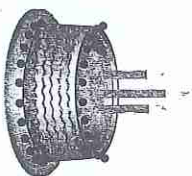
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Class 3A Date 10/8/10

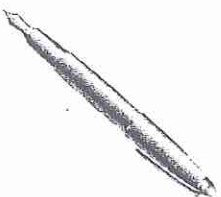
2.75

4 Draw an array to model then answer the multiplications.

a $5 \times 3 = 15$	b $4 \times 6 = 21$



\$6



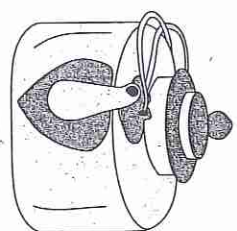
\$4



\$8



\$76



\$37

3.0

5 Find the cost of these items.

a 5 pens = \$ 20

b 6 cakes = \$ 36

c 7 books = \$ 40

d 7 pens = \$ 28

e 6 books = \$ 48

f 9 cakes = \$ 40

g 10 cakes = \$ 60

h 100 books = \$ 800

i 30 cakes = \$ 100

3.0+

6 Solve the problems.

a How much would 8 kettles cost?	b What would be the cost of 7 guitars?	c What would be the cost of 4 guitars and 6 kettles?
$132 -$	$83 \times 7 = 581$ $118 -$	$136 -$
296	532	526

$$2.6 \times 4 = 24 \checkmark$$

3. $5 \times 6 = 30$ ✓


$$\begin{array}{r} 13 \\ \times 2 \\ \hline 26 \end{array}$$

$$6 \overline{) 280} \begin{array}{r} 46 \\ 24 \\ \hline 40 \\ 36 \\ \hline 40 \\ 36 \\ \hline 40 \\ 36 \\ \hline 40 \end{array}$$

$$2+2+2+2+2+2+2+2+2+2+2+2$$

100

$$\begin{array}{r} 7.136 \\ \times 4 \\ \hline \end{array}$$


Red → 

I feel OK because
I got 5 right

This is my numeracy goal

Multiplication with trading post-Assessment

①	4	5	②	2	5	③	3	2	④	1	4	6	1
X		3	X		4	X		5	X	X		2	
	3	8	✓	1	0	0	✓	1	6	0	✓	2	9
✓	⑤	2	7	4	⑥	1	0	8	⑦	1	2	⑧	2
X			3	X			4	X			5	X	4
					5	2	2	X	6	1	0	0	8
⑨	1	2	5	7	6								3
X					3								7
	3	7	7	2	8	✓							


 I feel happy
 because I got
 7 right